

2008 ISM Workshop



# Building Mission Success

## **Integrated Safety Management Workshop**

August 25 - 28, 2008  
Idaho Falls, ID

Sponsored by DOE-ID



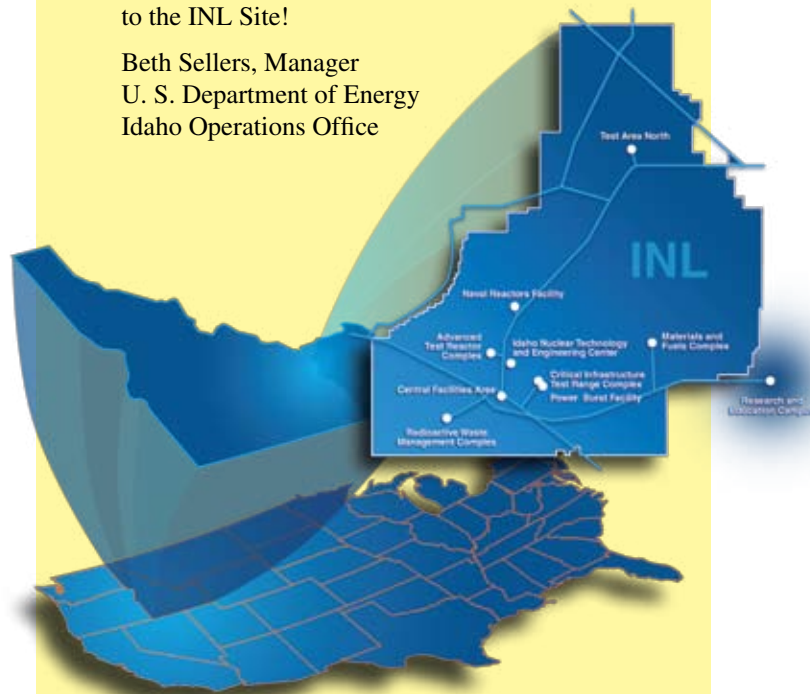
U.S. DEPARTMENT OF  
**ENERGY**

# Welcome!

It is our pleasure to welcome each of you to Idaho Falls, the home of the Idaho National Laboratory. We strongly encourage you to take full advantage of all we have to offer....the discussion on the transition to Integrated Management through participation in ***Building Mission Success*** in the ISM Workshop, the tours of the site (Nuclear Energy R&D and innovative clean up activities), as well as the extraordinary national parks located within a couple of hours of Idaho Falls (Yellowstone and Grand Teton to start).

Please don't hesitate to ask the Workshop Planning Team for assistance if you need anything. Welcome to the INL Site!

Beth Sellers, Manager  
U. S. Department of Energy  
Idaho Operations Office



# 2008 ISM Workshop

## I'M-Building Mission Success

I'M-Building Mission Success was chosen as the 2008 workshop theme to emphasize the critical importance of worker safety and environmental responsibility in enabling DOE's diverse mission from both an individual and corporate perspective. The Department and its contractors remain firmly committed to Integrated Safety Management as first defined in 1996. Since that time it has become apparent that establishing a safe workplace and safe behaviors across the complex has a direct and positive impact on our mission success.

In any industry, success is best achieved when workers are of one mind with respect to the importance of their own safety in accomplishing production goals. A workforce open to learning, change, self-examination and improvement for the purpose of performing work safely is a goal in itself. The Department, with over 100,000 workers and contractors, have been building this culture for over a decade with Integrated Safety Management. On a global stage, the concept of enabling "mission success" is always moving forward to engulf technology, better knowledge of human performance and the interfaces between technology and people.

Achieving, sustaining, and then realigning, redefining and achieving success again and again requires us to be willing to capitalize on others' -as well as our own- ideas, tools, systems, operating experience, successes and unintended consequences. As DOE's missions advance so must Integrated Safety Management. Collectively at this workshop, we will build on the fundamental management principles of ISM, in addition to the operating experience and lessons learned over the past decade, to transition, inform and improve DOE's complex wide Integrated Management initiatives as we continue ***Building Mission Success*** for the Department of Energy.

# Primary missions at the INL Site

## Idaho National Laboratory

The Idaho National Laboratory is leading the renaissance in Nuclear Energy to ensure the nation's energy security with safe, competitive, and sustainable energy systems and unique national and homeland security capabilities.

## Idaho Cleanup Project

The Idaho Cleanup Project involves the safe environmental cleanup of the Idaho National Laboratory site. The mission of the cleanup project requires construction and operation of a treatment facility for liquid sodium bearing waste; cleanup and closure of waste tanks; exhumation,

repackaging and shipment of buried waste; and decontamination and demolition of obsolete or unneeded facilities at the INL site.

## Advanced Mixed Waste Treatment Project

The Advanced Mixed Waste Treatment Project (AMWTP) mission is to prepare and ship waste out of Idaho. Specifically, operations at AMWTP require the retrieval, characterization, treatment, and packaging of transuranic waste at DOE's Idaho Site. In addition, the AMWTP will support the clean up of not only the Department of Energy's Idaho site, but also waste from other DOE sites.



Tuesday

Tuesday		
8:00 AM		8:00 AM
9:00 AM		9:00 AM
10:00 AM		10:00 AM
11:00 AM		11:00 AM
12:00 PM		12:00 PM
1:00 PM	<div> <div> <b>URS-Washington Division</b>  <b>Nuclear Safety Council</b>            Contact: Frank McCoy         </div> <div> <b>Human Performance Group</b>            Contact: Steve Coleman         </div> </div>	1:00 PM
2:00 PM		2:00 PM
3:00 PM		3:00 PM
4:00 PM		4:00 PM
5:00 PM	<div> <b>DOE ISMS Champions</b>            Contact: Pat Worthington / Frank Russo         </div>	5:00 PM
6:00 PM		6:00 PM
7:00 PM		7:00 PM
8:00 PM		8:00 PM

# Monday



## Pre Workshop Sessions - *Monday*

### Human Performance Task Group Workshop

*Steve Coleman, John McDonald, Gary Grant*

**Monday, 8-25-08, 1:00 PM-5:00 PM continuing Tuesday, 8-26-08, 8:00 AM-5:00 PM**

**Shilo Inn/O'Callahan's Convention Center - Boise Room, Contact: Tyson Allen**

The purpose of the Human Performance Improvement (HPI) Task Group is to focus on sharing contractor HPI "Best Practices", promotion of excellence in all aspects of worker safety and health processes through the implementation of HPI, and, providing overall leadership for assisting contractors in the coordination of HPI initiatives. This meeting is intended for contractor personnel supporting the completion of the HPI implementation tools project and appropriate DOE sponsors. Attendees range from contractor SMEs to management personnel responsible for HPI implementation activities. The meeting will be run in breakout sessions to facilitate completion of products due for completion by the committee.

### URS-Washington Division Nuclear Safety Council

*Frank McCoy*

**Monday, 8-25-08, 1:00 PM-5:00 PM continuing Tuesday, 8-26-08, 8:00 AM-4:00 PM,**

**Lindsey Building, Room 117, Contact: Charlene Johnson**

This session is for members of the URS-Washington Division Nuclear Safety Council. This working group discusses operating experience, lessons learned and common issues to support effective and efficient operations on behalf of its customers.

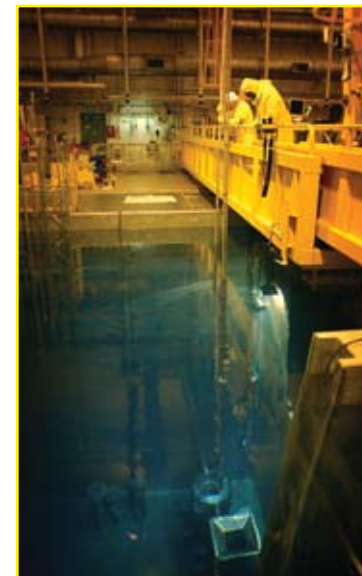
### DOE ISM Champions

*Pat Worthington, Frank Russo, Geoff Beausoleil*

**Monday, 8-25-08, 5:00 PM-7:00 PM**

**Shilo Inn/O'Callahan's Convention Center- River View/Temple View Rooms, Contact: Charlene Johnson**

This session is for DOE ISM Champions to share implementation status and best practices related to DOE aspects of ISM implementation. All DOE ISM Champions are asked to attend.



## Monday

**Tuesday**

Monday

## Pre Workshop Sessions - *Tuesday*

<b>Human Performance Task Group Workshop</b> <i>Steve Coleman, John McDonald, Gary Grant</i>	<b>Continuing 8:00 AM-5:00 PM</b> See Monday, 8-25-08
<b>URS-Washington Division Nuclear Safety Council</b> <i>Frank McCoy</i>	<b>Continuing 8:00 AM-4:00 PM</b> See Monday, 8-25-08
<b>Federal Technical Capabilities Panel (FTCP)</b> <i>Karen Boardman, Geoff Beausoleil, Edna White</i>	<b>Tuesday, 8-26-08, 8:00 AM-11:00 AM</b> <b>Shilo Inn/O'Callahan's Convention Center– Idaho Falls Room, Contact: David Boyce</b> The objective of the FTCP meeting is to set goals and objectives to continue DOE's effort to recruit, deploy, develop, and retain Federal employees with the necessary technical capabilities to safely accomplish DOE's missions and responsibilities and to discuss current processes and programs supporting this objective.
<b>Field Managers Council Executive Committee</b> <i>Beth Sellers</i>	<b>Tuesday, 8-26-08, 8:00 AM-12:00 PM,</b> <b>Willow Creek Building, Third Floor – Manager's Conference Room, Contact: Geoff Beausoleil</b> This session is for the Field Management Council (FMC) Executive Committee to discuss FMC transition papers, obtain status on outstanding actions and Departmental initiatives, such as environmental liabilities, and address the integration of management activities.
<b>Operating Experience Committee</b> <i>Jeannie Boyle</i>	<b>Tuesday, 8-26-08, 8:00 AM-5:00 PM</b> <b>Shilo Inn/O'Callahan's Convention Center – Twin Falls Room, Contact: Bennie Cooley</b> This session is for all DOE and Contractor personnel who are coordinators or implementers of the DOE Operating Experience program (DOE Order 210.2). The focus is on sharing lessons learned and best practices related to operating experience, internal or external to the DOE.
<b>ISM Training</b> <i>Jim Szensi/Julie Finup</i>	<b>Tuesday, 8-26-08, 8:00 AM-12:00 PM</b> <b>Ameritel Inn, Eagle Rock Room, Contact: Charlene Johnson</b> This session is for all DOE and Contractor personnel who want to learn the basics of Integrated Safety Management. The training will be presented by the DOE National Training Center and will review the highlights of the DOE directives on Integrated Safety Management.
<b>Battelle Community of Practice</b> <i>Karen Downer</i>	<b>Tuesday, 8-26-08, 8:00 AM-5:00 PM</b> <b>Hilton Garden Inn - Teton River Room, Contact: Charlene Johnson</b> This session is for members of the Battelle-managed national laboratories' Environment, Safety and Health Community of Practice. This working group discusses operating experience, lessons learned and common issues to support effective and efficient operations of national laboratories on behalf of its customers. The group is made up of ESH Directors from DOE and Battelle laboratories across the nation and Battelle ESH corporate leadership.
<b>ISM Program Mgt/Integration Group</b> <i>Steve Coleman</i>	<b>Tuesday, 8-26-08, 9:00 AM-5:00 PM</b> <b>Shilo Inn/O'Callahan's Convention Center – Pocatello Room, Contact: Lynn Ellsworth</b> This meeting will focus on the joint EFCOG/DOE safety culture task. Attendees will primarily be ISM leads from various contractors, including members of the safety culture task team. The meeting will be a workshop to communicate where the task team is headed and to get feedback from contractor personnel on how to proceed. This is an opportunity for all contractors to participate and provide input to a very important, complex wide priority.
<b>Site Tours</b> <i>Brian Anderson</i>	<b>Tuesday, 8-26-08, 12:00 PM-5:00 PM</b> <b>Bus to Site</b> Tours of Site contractor facilities will be conducted based on individual election during the registration process. All tours will be departing from the lobby of the Shilo Inn.





# Wednesday, August 27

7:00AM - 7:30AM

## Registration

7:30AM - 9:00AM

## Plenary Session 1 - (Shilo Inn, Convention Center, Grand Ballroom)

**Safety Share:** Geoff Beausoleil, DOE-ID

**Kick-Off:** Pat Worthington / Frank Russo, DOE ISM Co-Champions

**Welcome/Theme Introduction:** ISM: Building Mission Success Beth Sellers, Manager, Idaho Operations Office

**HSS Message:** Glenn Podonsky, Chief Health, Safety and Security Officer

**DOE Secretary Message:** Jeffrey Kupfer, Acting Deputy Secretary

**NNSA Message:** William Ostendorff, Principal Deputy Administrator for NNSA

**NE Message:** Shane Johnson, Principal Deputy Assistant Secretary, NE

**INL Mission Update:** John Grossenbacher, Laboratory Director, INL

9:00AM - 9:30AM

## BREAK - Hosted by CH2M-Hill

9:30AM - 10:45AM

## Panel Discussion: Integration of Management Systems - (Shilo Inn, Convention Center, Grand Ballroom)

Michael Kilpatrick, Deputy Chief for Operations, DOE-HSS, Panel Co-Chair

Beth Sellers, Manager, DOE-Idaho Operations Office

Frank McCoy, Senior Vice President, Nuclear Safety, WSMS/URS Washington Division, Panel Co-Chair

Jim Tarpinian, Vice President, Corporate ESH&Q, Battelle

Greg Meyer, President and General Manager, Babcock and Wilcox

Mark Spears, President, Nuclear Business Group, CH2M-Hill

Mary Moreton, Senior Vice President, Bechtel National Inc.

10:45AM - 11:30AM

## Keynote Speaker: Vince Trim, President and General Manager, Honeywell (Shilo Inn, Convention Center, Grand Ballroom)

11:30AM - 1:00PM

## LUNCH

## BREAK-OUT SESSIONS

### Integrated Management for Mission Success

(Shilo Inn,  
Pocatello Room)

Session A-1

### Safety Culture

(Shilo Inn,  
Idaho Falls Room)

Session B-1

### Work Planning and Control

(Shilo Inn,  
Temple View Room)

Session C-1

### Feedback and Improvement

(Shilo Inn,  
Grand Teton Room)

Session D-1

### Contract Transition

(Shilo Inn,  
Yellowstone Room)

Session E-1

1:00PM - 2:30PM

2:30PM - 3:00PM

## BREAK – Hosted by Bechtel-BWXT

3:00PM - 5:00PM

Session A-2

Session B-2

Session C-2

Session D-2

Session E-2

5:00PM - 6:30PM

## Reception on Patio – Hosted by URS, Washington Division



# Wednesday Session Outline

## Session #1– 1:00 PM – 2:30 PM

### Integrated Management for Mission Success A-1

**Lead:** *Gerald Boyd, DOE-ORO*  
DOE's Safety Directives: Providing a Systems-Based Approach to Directives Management (*Steven Kirchhoff*)  
New Standards for, and experience with, Integrated EHS and Security Management Systems (*Michael Penders*)  
The Challenge - Moving from the Integrated Safety Management System (ISMS), to Integrated Management (IM) to Build Mission Success (*Gary Staffo*)

### Safety Culture B-1

**Leads:** *Dave Brockman, DOE-RL, Shirley Olinger, DOE-ORP*  
How Reducing Drama Influences Safety (*Dan Miller*)  
Creating a Safety Culture in a High Reliability Organization (*Greg Meyer*)  
Status of EFCOG/DOE ISMS Safety Culture Task (*John McDonald*)

### Work Planning and Control C-1

**Leads:** *Marvin Mielke, DOE HS-64*  
The Role of ISM in Nano-Materials Research at DOE Facilities (*Marvin Mielke*)  
Development of a Site-Wide Risk Management and Acceptance Process (*Abe Mathews*)  
Safe Systems of Work Control Processes to Integrate Safety Management & Achieve Target Zero (*Adam Hotzel / Mike Brooks*)

### Feedback and Improvement D-1

**Leads:** *Dave Moody, DOE-CFO, / Farok Sharif, WIPP*  
Employee Run Safety Program - The Ultimate Safety Program (*Farok Sharif*)  
Applying Human Performance Tools to the Investigation of Incidents (*Geof Fountain*)  
Determining the Effectiveness of an Operating Experience Program-- key to ISM Feedback and Improvement (*Bertha Cassingham / Joseph Drago*)

### Contract Transition E-1

**Leads:** *Sharon Robinson, DOE-SR / Patricia Allen, WSRC*  
**SRS Panel Discussion:** Savannah River Site M&O Contract Transition – Maintaining the Safety Culture through Contract Transition (*Jeffrey Allison*)  
Savannah River Site M&O Contract Transition – Achieving Readiness on Day One (*Chuck Munns*)  
Maintaining ISM System Focus during Contract Transition (*Anthony Umek*)  
Evaluating the Impact of Contract Transition on Facility Safety Basis Documents (*Stephen Piccolo*)

## Session #2– 3:00 PM – 5:00 PM

### Integrated Management for Mission Success A-2

**Lead:** *Michael Weis, DOE-PNSO*  
Integrating Safety and Security into the Environment Management System Life Cycle: A Body Contact Sport (*Dennis Hjeresen*)  
Standardization of Safety Signs (*Lynne Coe-Leavitt / Charlene Johnson*)  
Managing Chemicals Using an Integrated Lifecycle Strategy at Pacific Northwest National Laboratory (*Cindy Caldwell*)  
Integrating Safety in Design (*Gary Hagan*)

### Safety Culture B-2

**Leads:** *Dave Brockman, DOE-RL / Shirley Olinger, DOE-ORP*  
Integrating HPI and Employee Engagement into Operations to achieve Zero Safety and Non-Compliance events (*Russ Hose / Ryan DeMott*)  
Hanford Site-wide Lockout/Tagout Procedure (*Dennis Wiatrak / Michael Stoner*)  
Lessons Learned on the S-102 Event for the DOE Field Office (*Shirley Olinger / Roy Schepens*)  
Groupthink and the Pressure for Consensus: Promoting and Strengthening an Effective Safety Culture through Promoting Honesty (*John Landers*)

### Work Planning and Control C-2

**Leads:** *Todd Haynie, PNNL*  
Utilizing ISM Principles to control Sub-Contractor Activities (*Todd Haynie*)  
IMWOG Work Management Subgroup "Peer Review" Best Practice (*Steve Little*)  
Lean/Six Sigma Approach to Work Control Process Improvements at WVDP (*Jack Gerber / Joe Jablonski*)  
Integrating Human Performance Improvement into the ISMS Five Core Functions (*T. Shane Bush*)

### Feedback and Improvement D-2

**Leads:** *J. R. Strobel, DOE CFO / Dave Harr, WIPP*  
DOE EM Annual ISMS Review and Declaration (*Braj Singh*)  
Implementing DOE O 226 and Integrating with DOE Oversight (*Catherine Karney*)  
Effective Use of Independent Assessments to Evaluate ISMS Performance (*Paul Wasilko*)  
LANL Contractor Assurance System - Issues and Corrective Action Management (*Dick Watkins*)

### Contract Transition E-2

**Leads:** *Mike Schlender, PNNL / Robert Hinds, WSRC*  
INL Contract Transitions (*Juan Alvarez*)  
Hanford PRC Transition (*Beth Bilson*)  
Washington Closure Hanford ISMS Implementation for the River Corridor Contract (*Ray Skwarek*)  
LLNL Phase I Integrated Safety Management Recertification (*Frank Russo*)

# Thursday, August 28

7:30AM - 9:00AM

## Plenary Session 2 - (Shilo Inn, Convention Center, Grand Ballroom)

**Safety Share:** Geoff Beausoleil, DOE-ID  
**Sustainability at DOE During Transition:** Victor Reis, DOE  
**Leadership and Leading Indicators:** Peter Winokur, DNFSB  
**Becoming a High Reliability Organization:** Dave Thomas, USFS Retired

9:00AM - 9:30AM

## BREAK - Hosted by Battelle Memorial Institute

### BREAK-OUT SESSIONS

#### Integrated Management for Mission Success

(Shilo Inn, Pocatello Room)

Session A-3

#### Safety Culture

(Shilo Inn, Idaho Falls Room)

Session B-3

#### Work Planning and Control

(Shilo Inn, Temple View Room)

Session C-3

#### Feedback and Improvement

(Shilo Inn, Grand Teton Room)

Session D-3

9:30PM - 11:30PM

11:30PM - 1:00PM

## LUNCH

1:00PM - 3:00PM

Session A-4

Session B-4

Session C-4

Session D-4

3:00PM - 3:30PM

## BREAK - Hosted by Battelle Memorial Institute

3:30PM - 4:30PM

**Improving Safety and Productivity at the Same Time:** Christopher Hart, Deputy Director, Air Traffic Safety Oversight Service, Federal Aviation Administration  
 (Shilo Inn, Convention Center, Grand Ballroom)

4:30PM - 5:00PM

**Track Summaries: Track Leads**  
**Workshop Closeout: Pat Worthington / Frank Russo, ISM Champions**  
 (Shilo Inn, Convention Center, Grand Ballr)

5:00PM - 6:00PM

## Reception on Patio – Hosted by Bechtel-BWXT

# Thursday Session Outline

## Session #3 – 9:30 AM – 11:30 AM

### Integrated Management for Mission Success A-3

**Lead:** Harold Monroe, DOE-OR

Integrating ISMS Core Functions in Waste Retrieval to Achieve Maximum Results (*Dave Wirkus / LeeRoy Jones*)

ISM and the SRS Integrated Salt Disposition Project (ISDP) (*Brent Gifford*)

Development of the Office of Science Management System (SCMS) (*William Vosburg*)

IOPS - A tool for integrating worker safety & health and environmental protection into research activities (*Patrick Wright*)

### Safety Culture B-3

**Leads:** Dave Brockman, DOE-RL / Shirley Olinger, DOE-ORP

ISMS Implementation, an AMWTP Workers Perspective (*Tracy Anderson / Kelli Bakke*)

Efforts at Pantex to Create a High Reliability Organization (*Richard Hartley*)

Getting Event Investigation Right: Understanding Behaviors and Accountability (*Keven Butler / Oren Hester*)

High Reliability Leadership: Developing Executive Leaders for High Reliability Organizations (*David Compton*)

### Work Planning and Control C-3

**Leads:** Thomas Traceski, DOE HS-22

Integrating EMS into ISMS: How it Works, and How it Supports Mission Accomplishment (*Steven Woodbury*)

Review and Approval of Highly Hazardous Non-routine Activities (*Paul Wasilko*)

### Feedback and Improvement D-3

**Leads:** Bill Roege, DOE-HSS / Dave Harr, WIPP

Lessons that can be learned from the Paducah forklift accident (*Brian Anderson*)

Lessons Learned from an Injury During Waste Characterization (*Candice Jierree*)

Secrets to Maintaining Zero Accidents in a High Activity Rolling Stock Environment (*Jeremy Hampton / Arden Hawley*)

ISM and Conduct of Operations Assessment OR "Reportophobia" (*William Roege*)

## Session #4 – 1:00 PM – 3:00 PM

### Integrated Management for Mission Success A-4

**Lead:** Michelle Reichert, Y-12

Total Integration - Effective Application of ISMS through Multiple Contractors and Subcontractors at AMWTP (*Robert Piper*)

Monitoring the Long-Term Effectiveness of Integrated Safety Management System (ISMS) Implementation Through Use of a Performance Dash Board Process (*Mike Kinney*)

Tailoring Subcontract Exhibits: An Enhanced Approach to Flowing Down Requirements (*Mike Hassell*)

Requirements Management Tools (*Stasia Ann ScoCCA*)

### Safety Culture B-4

**Leads:** Dave Brockman, DOE-RL / Shirley Olinger, DOE-ORP

A Partnership for Ensuring Safe Performance (*Lonnie Flake*)

An Approach to Implementing HPI Concepts and Tools in Safeguards and Security (*Jim Schildknecht / Gordon Denman*)

Human Performance in Action! (*Tyson Allen*)

Worker Involvement in Integrated Safety Management (ISM) and 851 Implementation: Best Practices from the DOE/NIEHS Worker Training Program (*Joseph (Chip) Hughes*)

### Work Planning and Control C-4

**Leads:** Joe Field, WIPP

Applied Integrated Safety Management Principles: A Successful Demonstration at the Waste Isolation Pilot Plant (*Joe Field*)

The Washington Closure Hanford Work Control Solution (*Stan Scott*)

Workers + WP&C Processes = Multiplicative Success (*Mary Logue*)

Just what is a "Just Culture"? (*Charles Nickell*)

### Feedback and Improvement D-4

**Leads:** Chuck Lewis, DOE-HSS / Farok Sharif, WIPP

Oversight to Achieving Safe and Compliant Operations (*Scott Raish / Doug Wale*)

Performance Improvement through Management Enforcement of Standards (*Steve Howell*)

Assessment Planning Tool LANL (*Lori Padilla*)

The Implementation of Employee Teams at the Y-12 National Security Complex (*Doug LeVan*)





# Facility Tours

## ICP Facility Tour August 26, 2008

POC: Rick Kelley, 208-351-5513

Noon	<i>Leave Shilo Inn for Experimental Breeder Reactor-1 (EBR-1)</i> En route, discussion of INL's cleanup history, agreements, and progress.
1:00 p.m.	<i>Exit bus; tour EBR-1</i> EBR-1 was the world's first nuclear reactor to produce useable amounts of electricity. The facility, along with the Boiling Water Reactor Experiment site, is one of 10 waste area groups being remediated under the Superfund program.
2:00 p.m.	<i>Leave EBR-1 for the Radioactive Waste Management Complex</i> Drive-around tour of the Subsurface Disposal Area to discuss ongoing exhumations and aquifer protection efforts.
2:45 p.m.	<i>Leave RWMC for Idaho Nuclear Technology and Engineering Center</i> Idaho Nuclear Technology and Engineering Center, formerly known as the Idaho Chemical Processing Plant, was established in the 1950s for reprocessing spent nuclear fuel. There are ongoing cleanup efforts to treat remaining liquid waste, move fuel from wet to dry storage, and complete other legacy cleanup work.
3:00 p.m.	<i>Arrive at INTEC for a driving tour inside the fence</i> Tour will discuss key facilities (such as CPP-601, CPP-666, and CPP-651), the bin sets where solidified high-level waste is stored, the calcining process that was used, and the Tank Farm where sodium-bearing waste awaits treatment.
3:30 p.m.	<i>Leave INTEC for Integrated Waste Treatment Unit</i> Short drive-around the INTEC facility will take tour past the Idaho CERCLA Disposal Facility, percolation ponds, former coal-fired plant site, and spent fuel dry-storage area of INTEC.
3:35 p.m.	<i>Arrive at IWTU for tour of facility</i> IWTU is being built to treat the remaining sodium-bearing waste left in INTEC's Tank Farm so the remaining tanks can be cleaned and closed.
4:00 p.m.	<i>Leave IWTU for Idaho Falls.</i>
5:00 p.m.	<i>Arrive back in Idaho Falls. End of tour.</i>

## INL Facility Tour August 26, 2008

POC: Carisa Schultz, 208-351-3969

Noon	<i>Depart Shilo Inn aboard INL bus for Materials and Fuels Complex (MFC)</i> INL historical overview and introduction on drive to MFC
12:50 p.m.	<i>Arrive at MFC and check in through guard gate.</i> Guided tour of the Materials and Fuels Complex at the INL Site, operated by Battelle Energy Alliance, including Fuel Conditioning Facility (FCF), Hot Fuel Examination Facility (HFEF), with Radioisotope Power System (space battery) presentation in the L&O Conference room.  The main group will be separated into three smaller groups for rotational tour
1:00 p.m.	<i>Tour Fuel Conditioning Facility (FCF), Hot Fuel Examination Facility (HFEF) or attend Space, and Security Power System Facilities (SSPSF) or Physical Security presentations.</i> The Fuel Conditioning Facility, originally used to demonstrate fuel recycling, is equipped to handle and examine irradiated fuels and experiments. FCF is currently treating EBR-II spent fuel while conducting research in pyroprocessing, supporting the Advanced Fuel Cycle Initiative and the Global Nuclear Energy Partnership.  The Hot Fuel Examination Facility is a world-class hot cell that conducts examinations of irradiated experiments that provide data essential for determining the performance of fuels and materials from the INL and other DOE facilities. HFEF is also supporting the fuel recycle research at FCF and continues to attract domestic and international commercial nuclear power customers.  Advanced Test Reactor Presentation
4:00 p.m.	<i>Leave MFC for Idaho Falls</i>
5:00 p.m.	<i>Arrive back in Idaho Falls. End of tour.</i>

# AMWTP Facility Tour August 26, 2008

POC: Russ Hose, 208-569-1185

<p>Noon</p>	<p><i>Depart Shilo Inn for AMWTP</i></p> <p>During bus trip, present video of DOE-ID's welcome, INL history and AMWTP overview of the project and specific visitor access safety briefing. Visitors will also be asked to sign off on our Visitor Approved Method of Work (AMOW) which describes hazards and controls on the site.</p>
<p>1:00 p.m.</p>	<p><i>Arrive at AMWTP Accountability Building</i></p> <p>AMWTP senior management and operations managers will provide refreshments and welcome visitors to the project and be available for questions.</p>
<p>1:15 p.m.</p>	<p><i>Tour of the AMWTP</i></p> <p>The Transuranic Storage Area-Retrieval Enclosure (TSA-RE), where drums and boxes of TRU waste stored since the 1970s and 80s are retrieved.</p> <p>Waste handling, where retrieved materials are transported to temporary storage, characterized, Treatment Facility and Shipping Operations</p> <p>Characterization Facility, where analytical tools are used to verify the contents of the waste containers</p> <p>Treatment Facility where waste is visually examined, sorted and volume is reduced through compaction</p> <p>Shipping Operations where payloads are assembled and waste is loaded into TRUPACT II containers for transport out of Idaho to the Waste Isolation Pilot Plant near Carlsbad, New Mexico for permanent disposal.</p>
<p>3:30 p.m.</p>	<p><i>Arrive back at AMWTP Accountability Building</i></p> <p>Distribute refreshments and memorabilia while management answers any remaining questions about the project.</p>
<p>4:00 p.m.</p>	<p><i>Leave AMWTP for Idaho Falls</i></p>
<p>5:00 p.m.</p>	<p><i>Arrive back in Idaho Falls. End of tour.</i></p>





# Workshop Planning Team

Contact: 208-521-0944

Planning Team	DOE ISM Champions Council	Idaho Operations Office	Idaho National Laboratory
	Patricia Worthington, HSS Frank Russo, NNSA	Elizabeth Sellers Geoffrey Beausoleil	John Davey Karen Downer Theron McGriff Kliss McNeel Brent Rankin Matthew Steffa Lee Sygitowicz
Track Leads	DOE Leads	Contractor Leads	INL Facilitators
<b>Integrated Management for Mission Success</b>	Gerald Boyd, Manager, OR Michael Weis, Manager, PNSO	Michelle Reichert, VP-ESHQ, Y12	David Boyce
<b>Safety Culture</b>	Dave Brockman, Manager, RL Shirley Olinger, Manager, ORP	Con Murphy, President, Fluor Hanford	Tyson Allen
<b>Work Planning and Control</b>	Patty Wagner, Manager, SSO Kevin Smith, Deputy Manager, YSO	Michael Hazen, VP-Infrastructure, SNL	Charlene Johnson
<b>Feedback and Improvement</b>	Dave Moody, Manager, Carlsbad William Roege, Director, Office of Corporate Safety Analysis (HS-30)	Farok Sharif, President, URS	Lynn Ellsworth
<b>Contract Transition</b>	Dan Glenn, Deputy Manager for Technical Programs, LASO Jeff Allison, Manager, SR	Mike Schlender, COO, PNNL	Bennie Cooley



**EM Environmental Management**  
safety ♦ performance ♦ cleanup ♦ closure

# Special Thanks

The Idaho National Laboratory and the Idaho Operations Office ISM Workshop Planning Team wish to extend sincere thanks to the following sponsors and supporters:

- John Grossenbacher, President, Battelle Energy Alliance, LLC
- Bob Iotti, President and CEO, CH2M-WGI Idaho, LLC
- Jeff Mousseau, President, Bechtel-BWXT Idaho, LLC

- Battelle Memorial Institute
- Battelle Energy Alliance
- Bechtel-BWXT
- CH2M-Hill
- CH2M•WG Idaho, LLC
- Defense Nuclear Facilities Safety Board (DNFSB)
- Federal Aviation Administration (FAA)
- Honeywell International Inc.
- McCallum-Turner Inc.
- Portage
- URS-Washington Division



## Idaho Falls Facilities

- A** Engineering Research Office Building
- B** Willow Creek Building
- C** University Place
- D** DOE North
- E** DOE South
- F** INL Research Center
- G** Technical Support Building & Annex
- H** INL Supercomputer Center
- I** Lindsay Building

## Hotels/Inns

- 1** Best Western
- 2** Shilo Inn
- 3** Hilton Garden
- 4** Ameritel Inn

## Restaurants Near Shilo Inn

- Outback Steak House
- Denny's
- Jakers Steak House
- Sandpiper Restaurant
- Applebee's
- Chili's
- Brownstone

